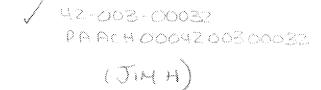


United States Steel Corporation Clairton Works 400 State Street Clairton, PA 15025



May 22, 2018

MAY 3 0 2018

Ms. Karen M. Sagel Allegheny County Health Department Department of Air Quality 301 Thirty-Ninth Street Pittsburgh, PA 15201

Subject: USS Reference Number: 18-0043

ACHD Reference Number: 20976

SCOT Plant

USS Clairton Works

Dear Karen M. Sagel:

The attached form terminates our report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Jonelle S. Scheetz at 412-233-1015.

Sincerely,

Michael S. Rhoads

Millach

Plant Manager Clairton Works

cc: James W. Hagedorn (USEPA)

NOTICE OF OUTAGE OF EQUIPMENT ARTICLE XXI - SECTION 2108.1

18-0043 Termination USS Reference Number: 1.

20976 ACHD Reference Number:

Date & Time of Breakdown: Date: 05/03/18 Time: 1735 hours 2.

Company Name: U.S. Steel Corporation - USS Clairton Works 3.

Specific Equipment Involved or Affected: SCOT Plant 4

BAPC Permit Number (if applicable): #0052 5.

6. Location: Clairton, PA

- Nature and cause of breakdown: The SCOT Plant tail gas was 7. rerouted prior to taking the SCOT Plant out of service to change the reactor catalyst and perform routine maintenance. During this time, differential gas pressure problems occurred at the 1st Unit Suction Main. This is preventing the tail gas from being rerouted. The maintenance is expected to span an approximate 2week period.
- Identification of Emissions: 8.
 - Type(s) (CO, NOX, SO2, Particulates, Hydrocarbons, etc.) Α. Elevated H2S at the incinerator stack, causing increased SO2 at point of combustion.
 - Toxic qualities of each type (including its qualities В. as an irritant, and its potential for causing illness, disability, or mortality). SO2 is an eye, nose, and throat irritant.
 - Amount of each type emitted (or likely to be emitted). C. Light to Moderate.
- Measures taken (or to be taken) to minimize length of breakdown 9. and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so). The tail gas was rerouted to the suction main upon resolving the differential pressure issue. Personnel worked around the clock to expedite this correction. The SCOT Plant returned to service upon completion of the maintenance.

10. Facility back in operation - Date: 05/15/18 Time: 0800 hours

Reviewed by Julle & Shuth

Jokelle S/Scheetz /

Environmental Control Engineer Phone: 412-233-1015

_____ Date <u>5/22/18</u>